

Mathematical model of interaction of low-pressure RF discharge plasma with solid surfaces

Abdullin I., Zheltukhin V., Shaekhov M.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

It was shown that upon treatment of solids in a low-pressure (1.33-133 Pa) RF plasma the positive charge layer formed near the treated solid not only accelerates ions but also concentrates the ion flux at local inhomogeneities of the surface charge density. © 2007 by Allerton Press, Inc.
